

FIG. 1

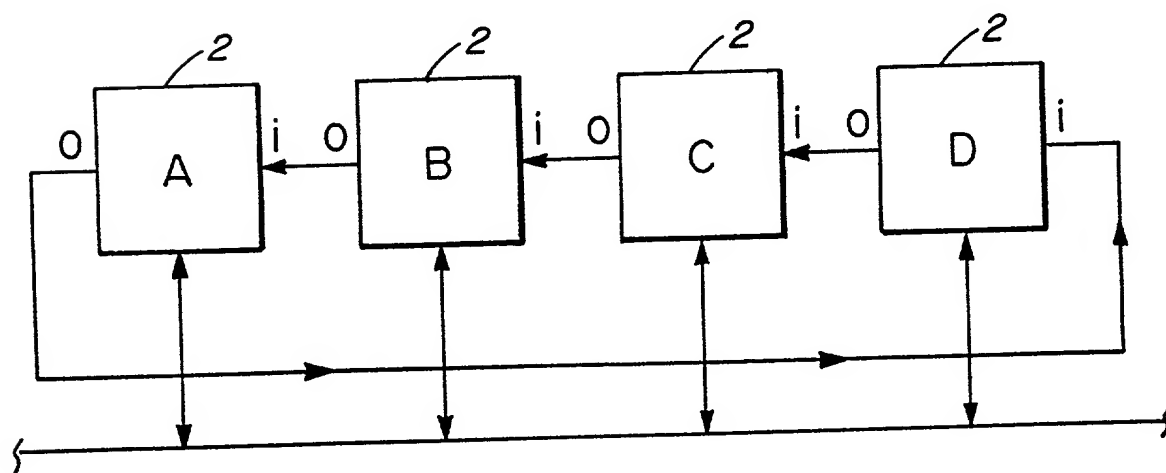


FIG. 2

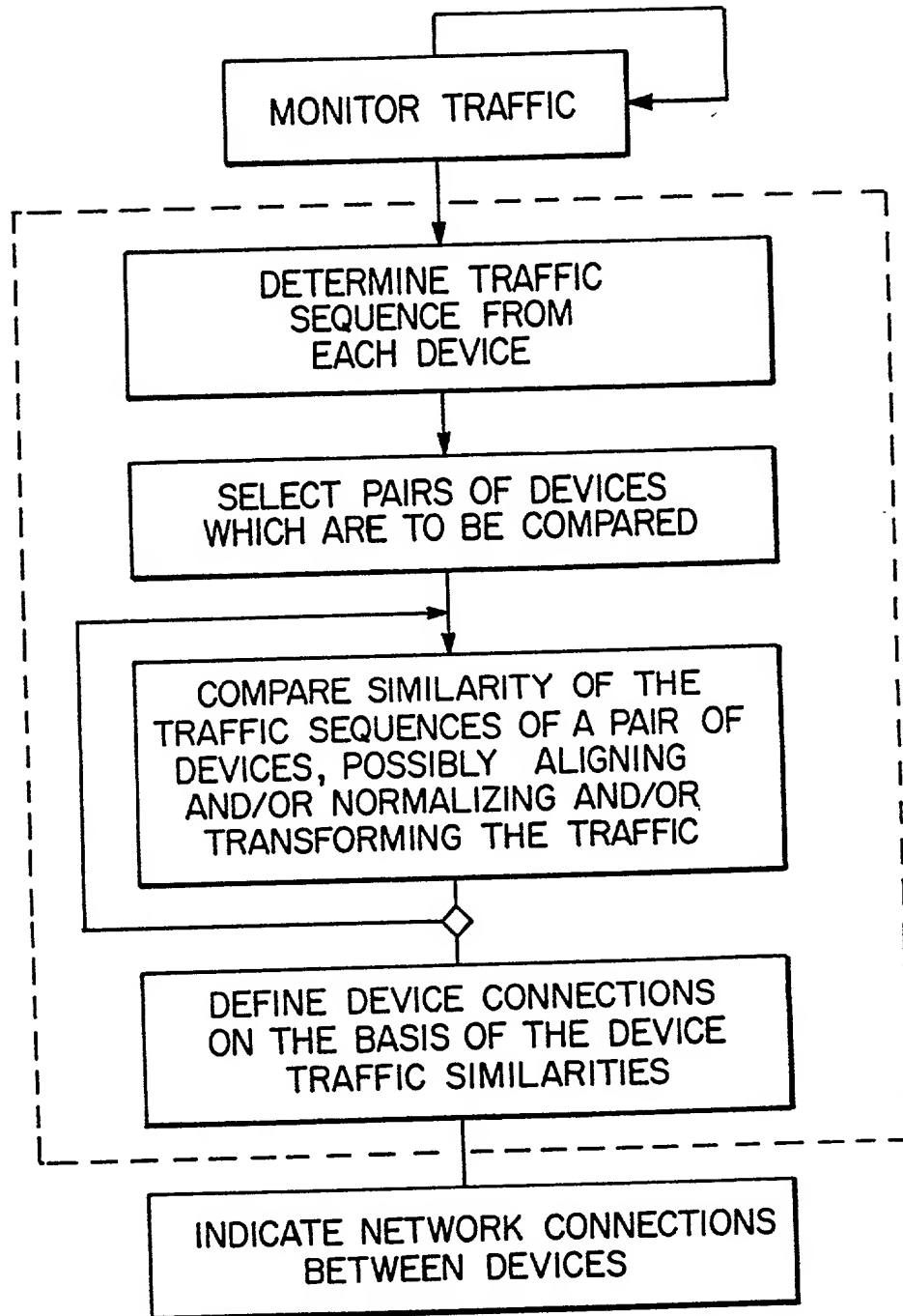


FIG. 3

READ MAC
SOURCE ADDRESS AND TRAFFIC
COUNT N OF DEVICE PASSING DATA

HAS MAC
SOURCE ADDRESS ALWAYS
REMAINED THE SAME
?

YES

NO

NO

DOES N
EXCEED A THRESHOLD
?

YES

USE ALTERNATIVE
METHOD TO DETERMINE
QUANTITATIVE ESTIMATE
OF PROBABILITY OF
CONNECTION OF DEVICES

SET OF DEVICES
IDENTIFIED BY MAC SOURCE
ADDRESSES ARE INDIRECTLY
CONNECTED TO PORT ON
DEVICE PASSING DATA
(i.e. VIA A CLOUD)

PROBABILITY IS ACCEPTABLE
THAT PORT ON DEVICE IS
CONNECTED TO DEVICE WITH
MAC SOURCE ADDRESS

FIG. 4